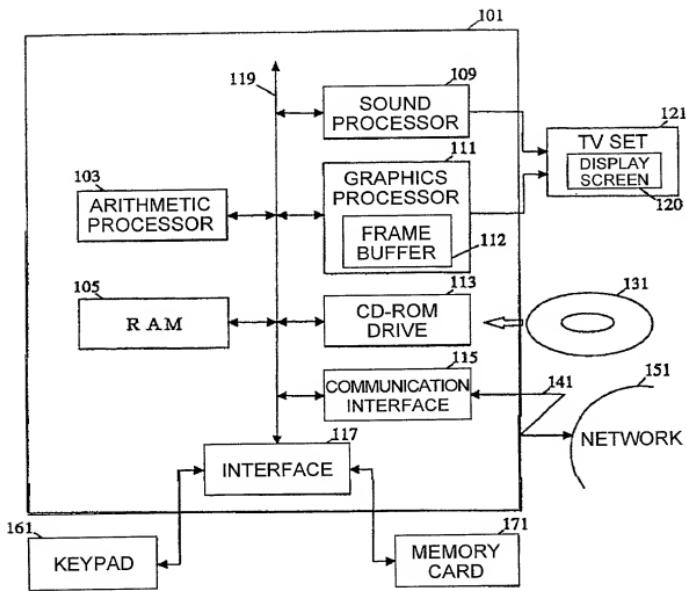
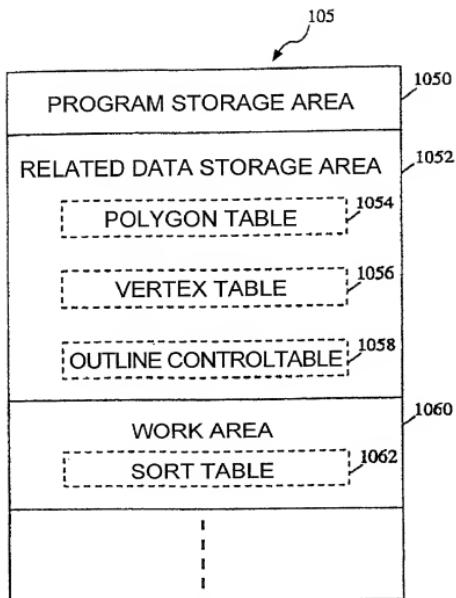


**Fig.1**

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**Fig.2**

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**Fig.3**

The diagram illustrates the relationship between an object's vertices and the polygons they belong to, and how these polygons are mapped to specific vertex IDs.

At the top, four vertex ID numbers are shown: 541, 543, 1054, and 545. Vertex 1054 is connected by a curved arrow to the first column of the table, which is labeled "OBJECT ID No." and contains the value "M1".

The table has three columns:

- OBJECT ID No.**: Contains the value "M1".
- POLYGON ID No.**: Contains values "P1", "P2", and "P3".
- VERTEX ID No.**: Contains lists of vertex IDs corresponding to each polygon: P1 has V1, V2, V3; P2 has V3, V2, V4; P3 has V4, V5, V3.

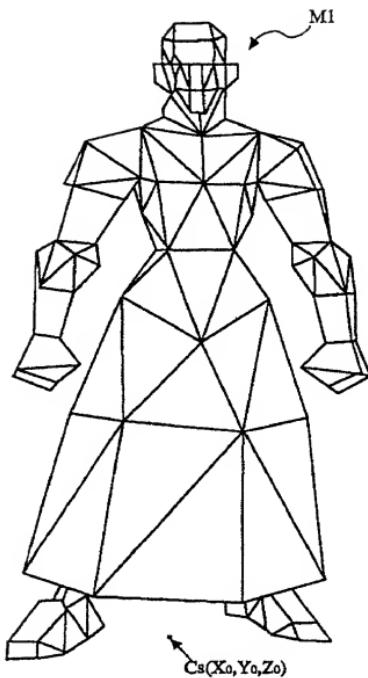
Below the table, three dashed vertical lines represent additional vertices, each aligned with a row in the table.

OBJECT ID No.	POLYGON ID No.	VERTEX ID No.
M1	P1	V1 V2 V3
	P2	V3 V2 V4
	P3	V4 V5 V3
---	---	---
---	---	---
---	---	---

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**Fig.4**



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**Fig.5**

OBJECT ID No.	VERTEX ID No.	COORDINATE DATA	TEXTURE DATA
M1	V1	(X1,Y1,Z1)	(U1,V1)
	V2	(X2,Y2,Z2)	(U2,V2)
	V3	(X3,Y3,Z3)	(U3,V3)
	V4	(X4,Y4,Z4)	(U4,V4)
	V5	(X5,Y5,Z5)	(U5,V5)
	⋮	⋮	⋮
	⋮	⋮	⋮
	⋮	⋮	⋮
	⋮	⋮	⋮
	⋮	⋮	⋮

09754350 - 122700

**Fig.6**

OBJECT ID No.	EXPANSION RATE	COLOR DATA	COORDINATE ADJUSTMENT VALUES	DEPTH ADJUSTMENT VALUES
M1	1.05	Ra,Ga,Ba	(Xa,Ya,Za)	Da
M3	1.10	Rb,Gb,Bb	(Xb,Yb,Zb)	
M8	1.25	Rc,Gc,Bc	(Xc,Yc,Zc)	Dc
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮

**Fig.7**

The diagram illustrates a memory structure for a linked list of polygons. It consists of two main parts: a header and a list of nodes.

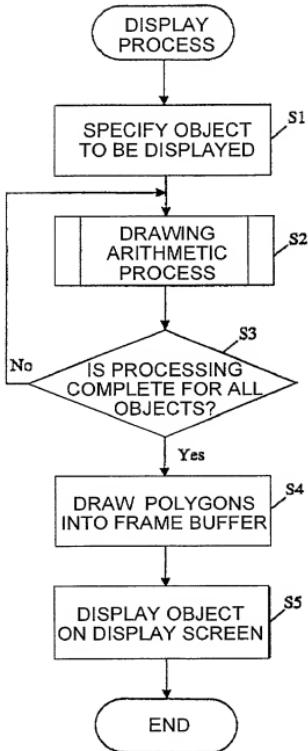
**Header:** A horizontal row of three boxes labeled 621, FIRST ADDRESS, 0x80010000. An arrow labeled 621 points to the FIRST ADDRESS box.

**List of Nodes:** A vertical list of nodes, each containing a depth value and a polygon ID number. The nodes are connected by dashed lines pointing to the next node's depth value.

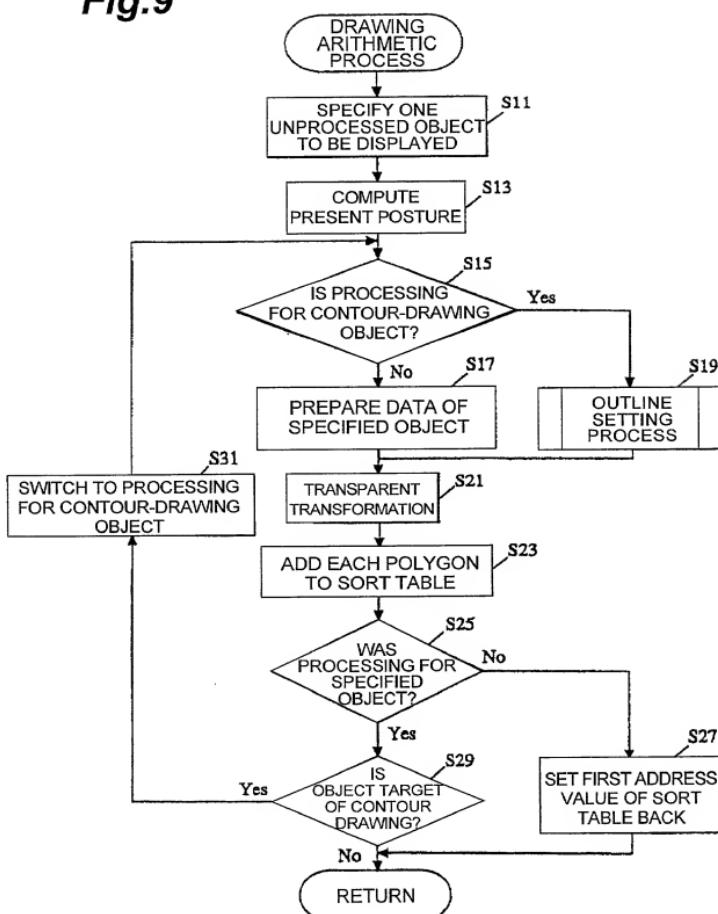
DEPTH VALUE	POLYGON ID No.
0	
1	1
15	
16	
17	
18	
19	
1	1
1023	

Annotations include:  
621 FIRST ADDRESS  
0x80010000  
623  
625  
1062

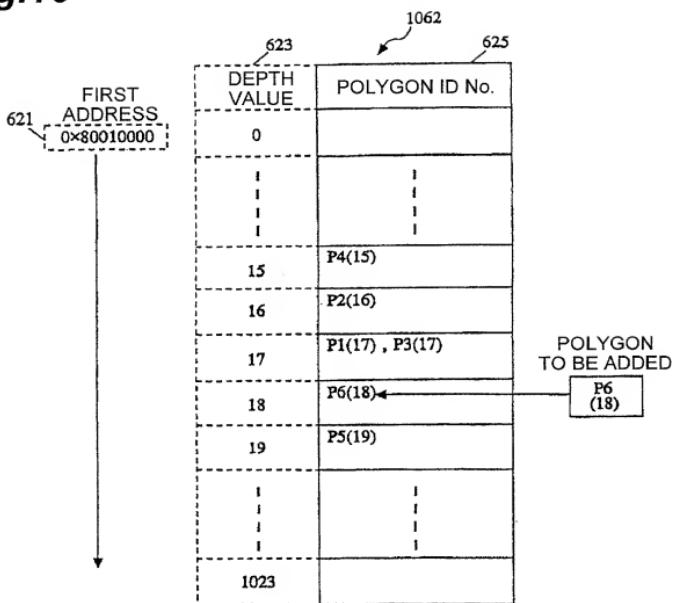
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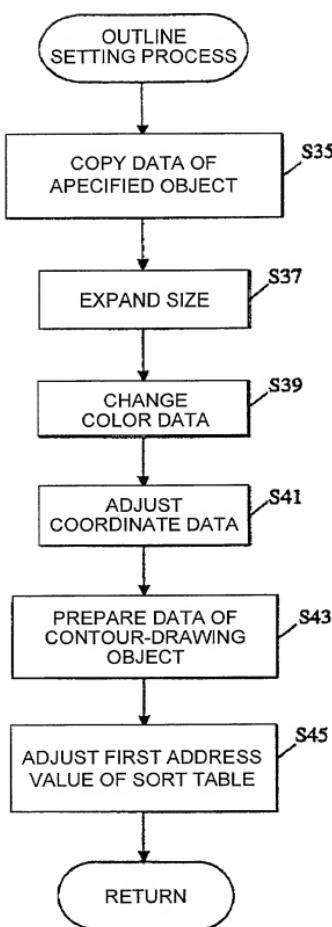
**Fig.8**

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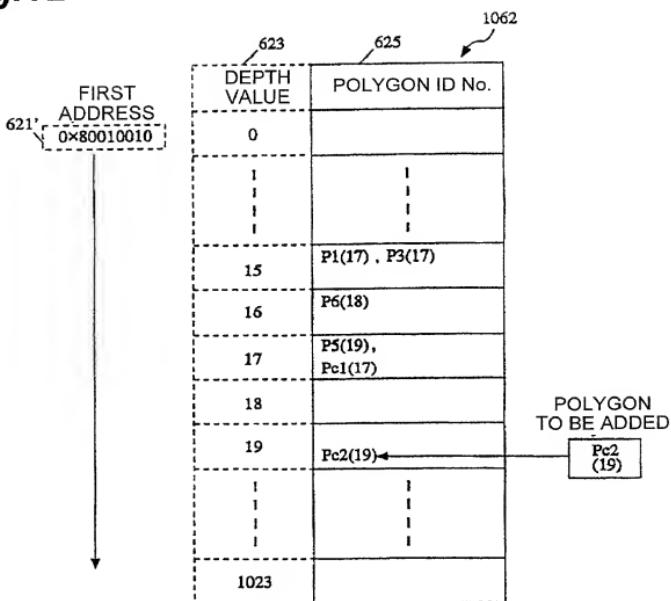
**Fig.9**

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**Fig.10**

**Fig.11**

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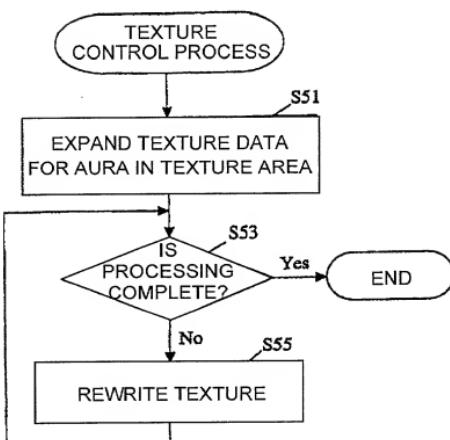
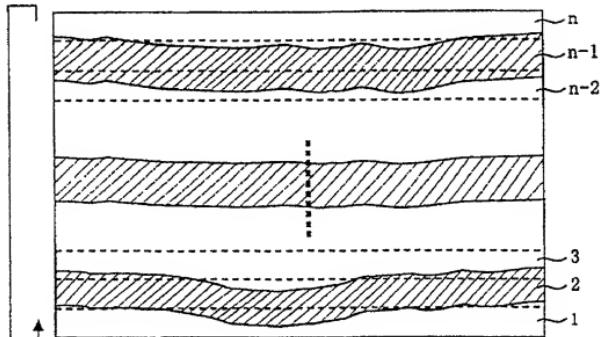
**Fig.12**

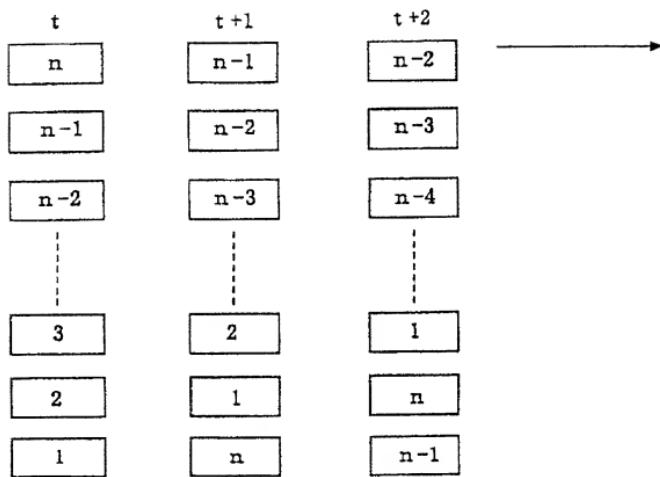
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**Fig.13**

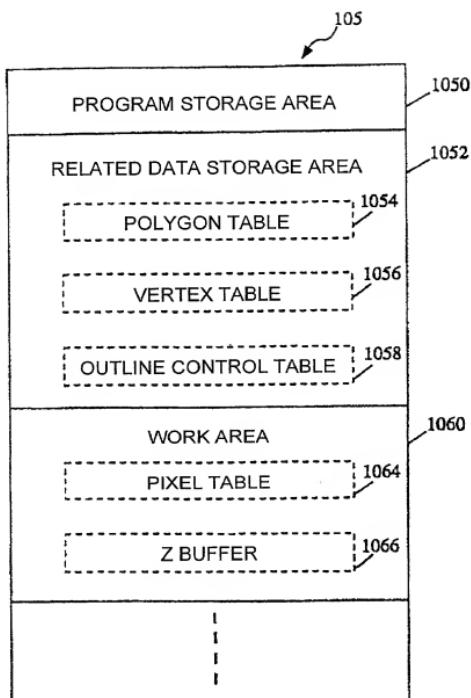
The diagram illustrates a linked list structure for polygon IDs. It starts with a 'FIRST ADDRESS' at `0x80010000`, indicated by a vertical arrow pointing down to the first cell of a table. The table has two columns: 'DEPTH VALUE' and 'POLYGON ID No.'. The 'DEPTH VALUE' column contains values 0, 15, 16, 17, 18, 19, and 1023. The 'POLYGON ID No.' column contains lists of polygon identifiers. Row 0 contains '0'. Rows 15, 16, 17, 18, and 19 each contain a list of identifiers separated by commas. Row 19 contains 'P5(19)' and 'Pc1(17), Pc3(17)'. Row 1023 is empty. A horizontal arrow points from the value '1062' at the top right towards the last cell of the table.

DEPTH VALUE	POLYGON ID No.
0	
15	P4(15)
16	P2(16)
17	P1(17), P3(17), Pc4(15)
18	P6(18) Pc2(16)
19	P5(19) Pc1(17), Pc3(17)
1023	

**Fig.14****Fig.15**

**Fig.16**

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**Fig.17**

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*Fig. 18*

PIXEL ID No.	COLOR DATA (R,G,B)
1	
2	
3	

893-895

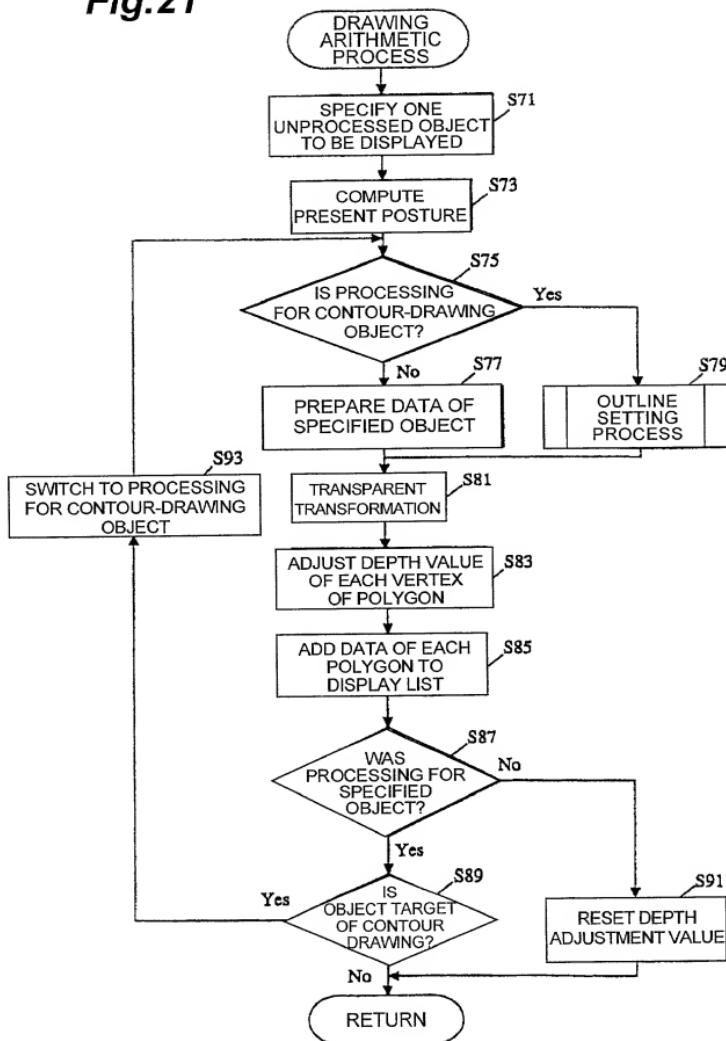
*Fig. 19*

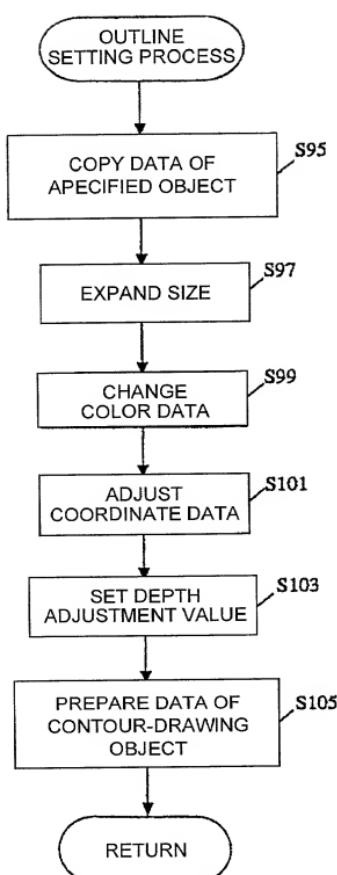
**Fig.20**

The diagram shows a 3x2 grid of boxes. The top row contains three boxes labeled 661, 663, and 1066. The bottom row contains two boxes. The first box in the bottom row has a dashed vertical line through its center, and the second box has a dashed vertical line through its right edge.

PIXEL ID No.	Z VALUE
1	
2	
3	
-	-

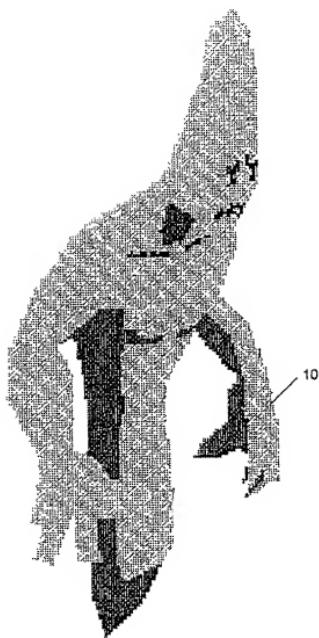
Fig.21



**Fig.22**

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**Fig. 23**



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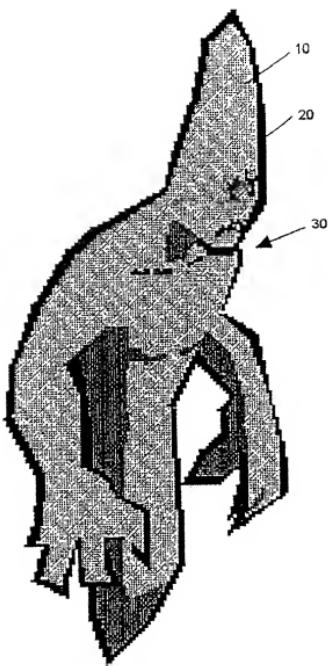
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**Fig. 24**



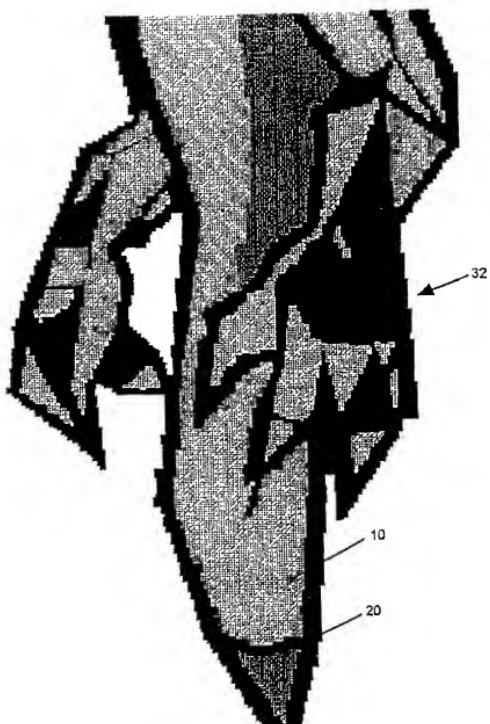
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*Fig.25*



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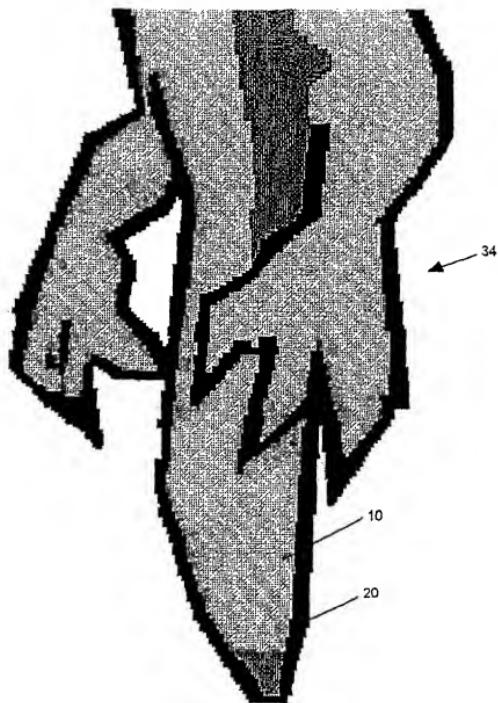
*Fig. 26*



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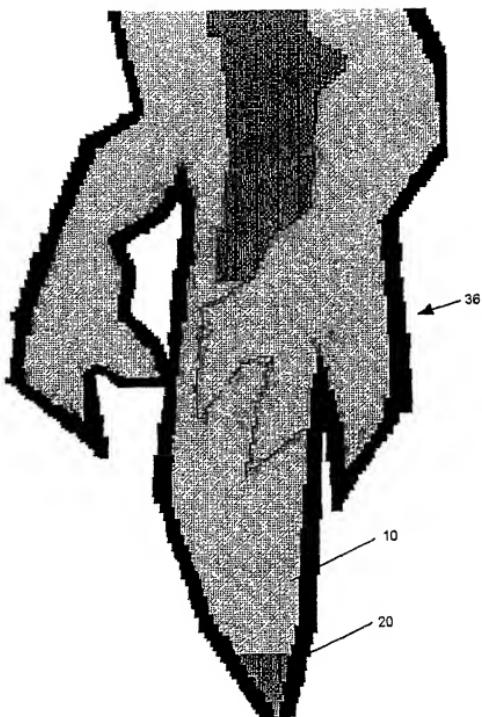
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*Fig. 27*



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*Fig. 28*



09751350 - 122700

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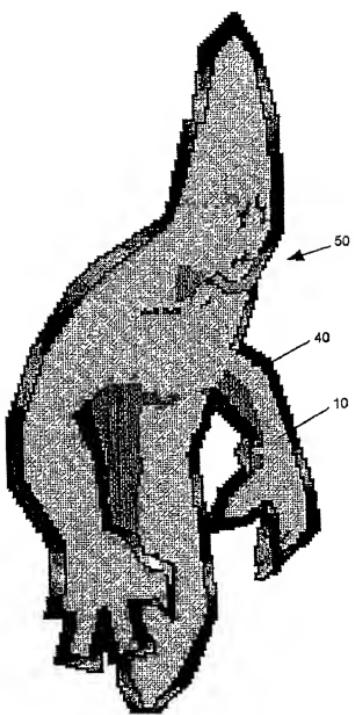
*Fig. 29*



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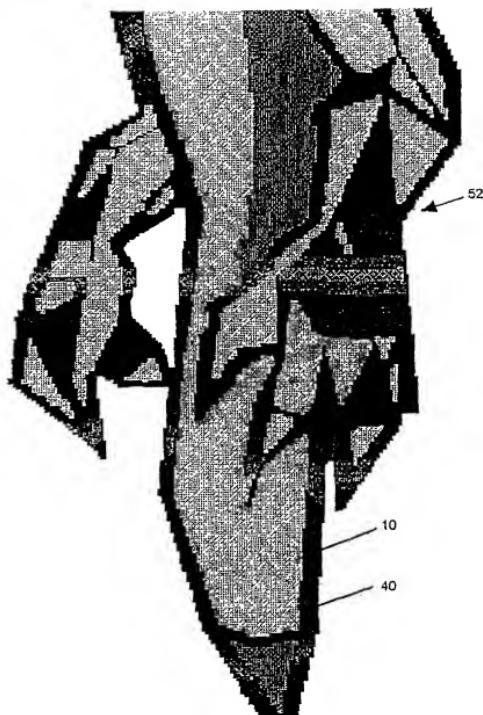
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*Fig.30*



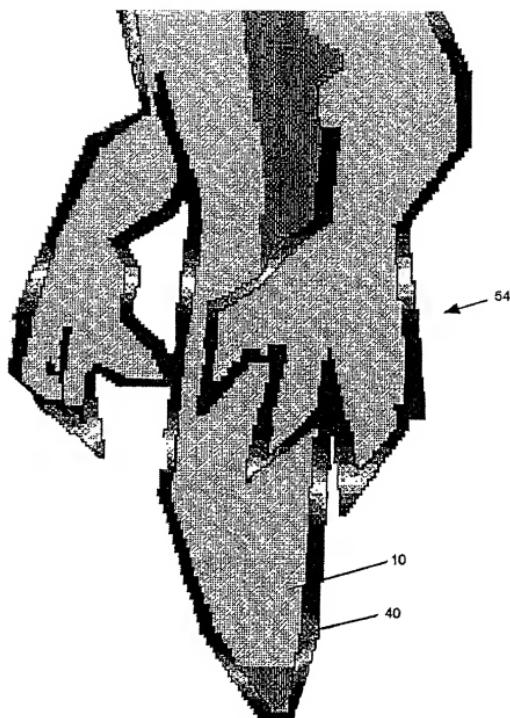
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*Fig.31*



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*Fig.32*



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*Fig.33*

